

SAW Filter 1965.0MHz
Part No: MP04404

Model: TA0630A
Rev No: 1

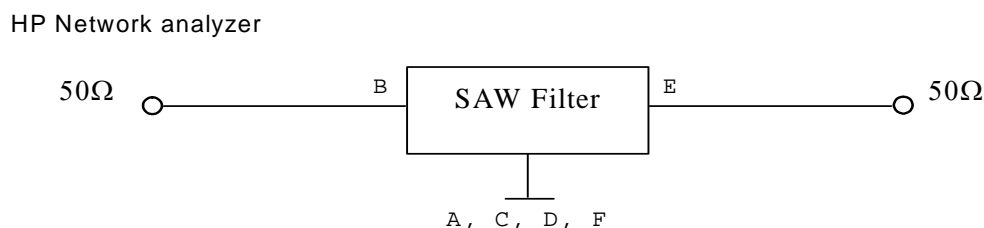
A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Min.	Typ.	Max.
Center frequency Fc (dB)	-	1965	-
Insertion loss within 1930 ~ 2000 MHz IL (dB)	-	2.4	3.8
Amplitude ripple (p-p) within 1930 ~ 2000MHz (dB)	-	1.3	2.5
Attenuation (Reference level from 0dB)			
DC ~ 1622.5MHz (dB)	14.0	24.5	-
1622.5 ~ 1832.5MHz (dB)	15.0	26.0	-
1832.5 ~ 1907.5MHz (dB)	10.0	18.5	-
2042.5 ~ 3242.5MHz (dB)	17.0	29.0	-
3242.5 ~ 4000MHz (dB)	14.0	30.0	-
VSWR within 1930 ~ 2000MHz	-	1.9	2.6
Source impedance Z _S (Ω)	-	50	-
Load impedance Z _L (Ω)	-	50	-

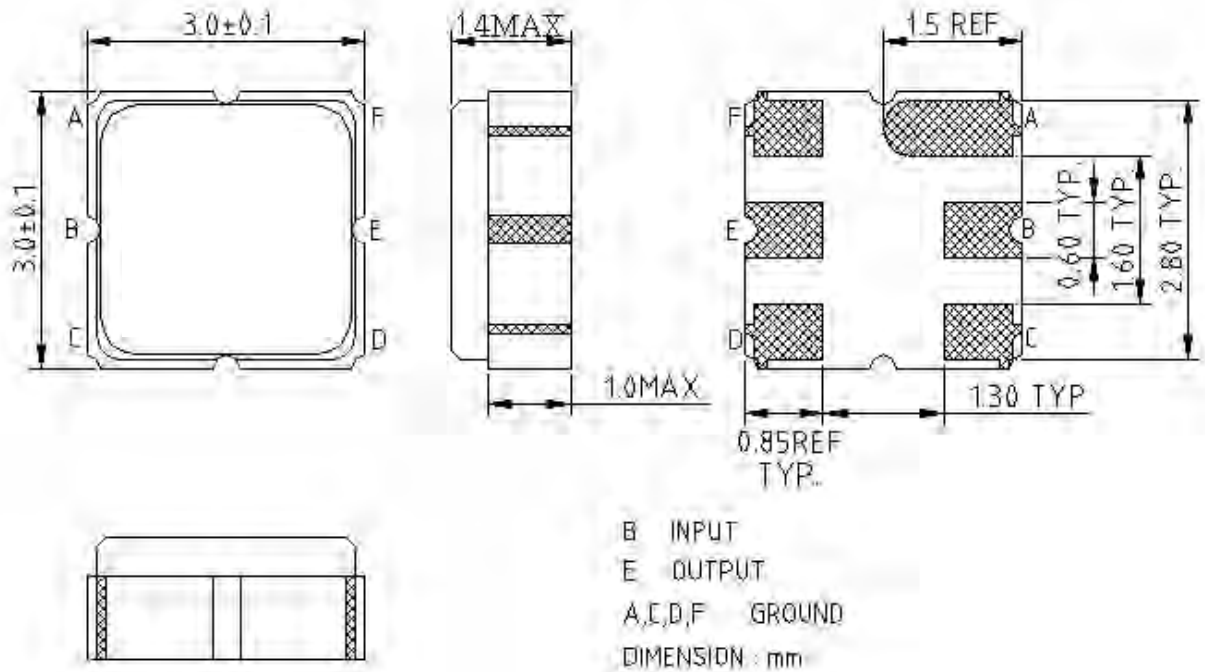
C. MEASUREMENT CIRCUIT:



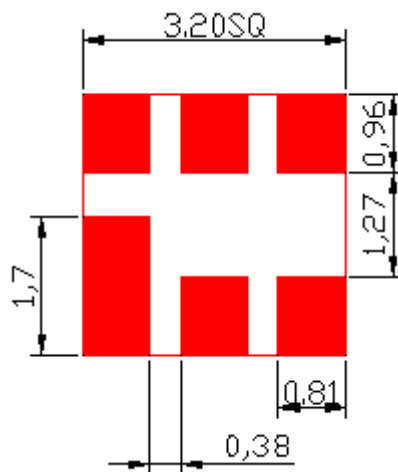
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D. OUTLINE DRAWING:



E. PCB FOOTPRINT:

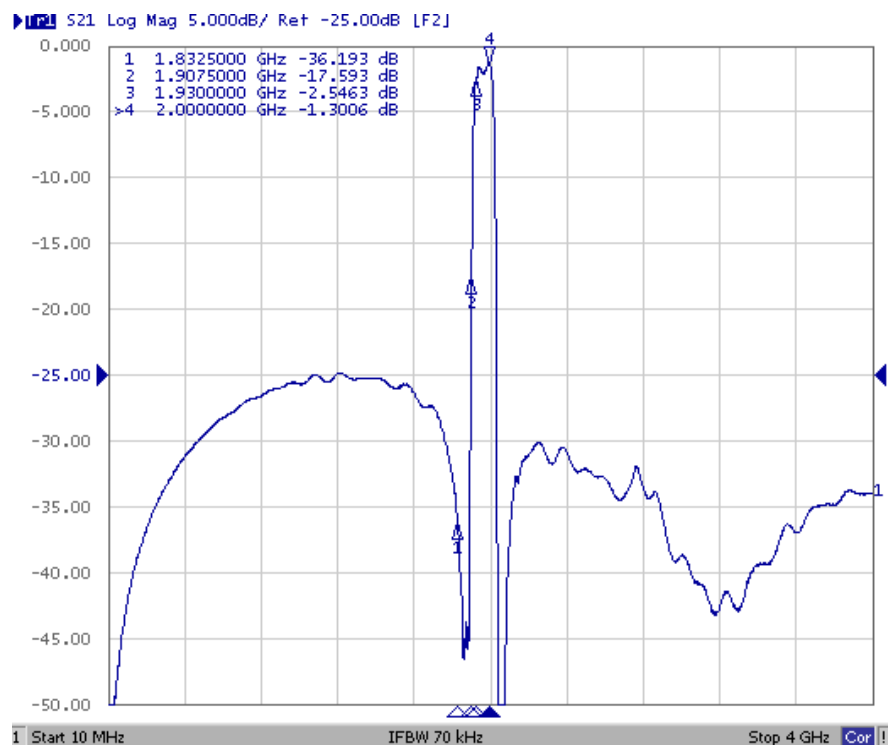
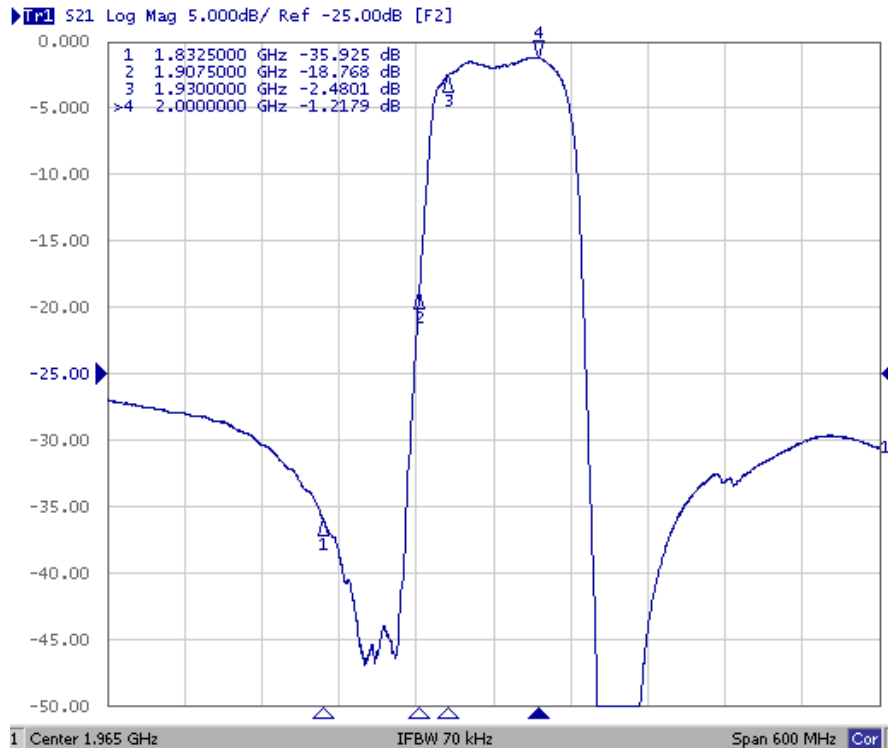


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F. FREQUENCY CHARACTERISTICS:

1. Transfer functions

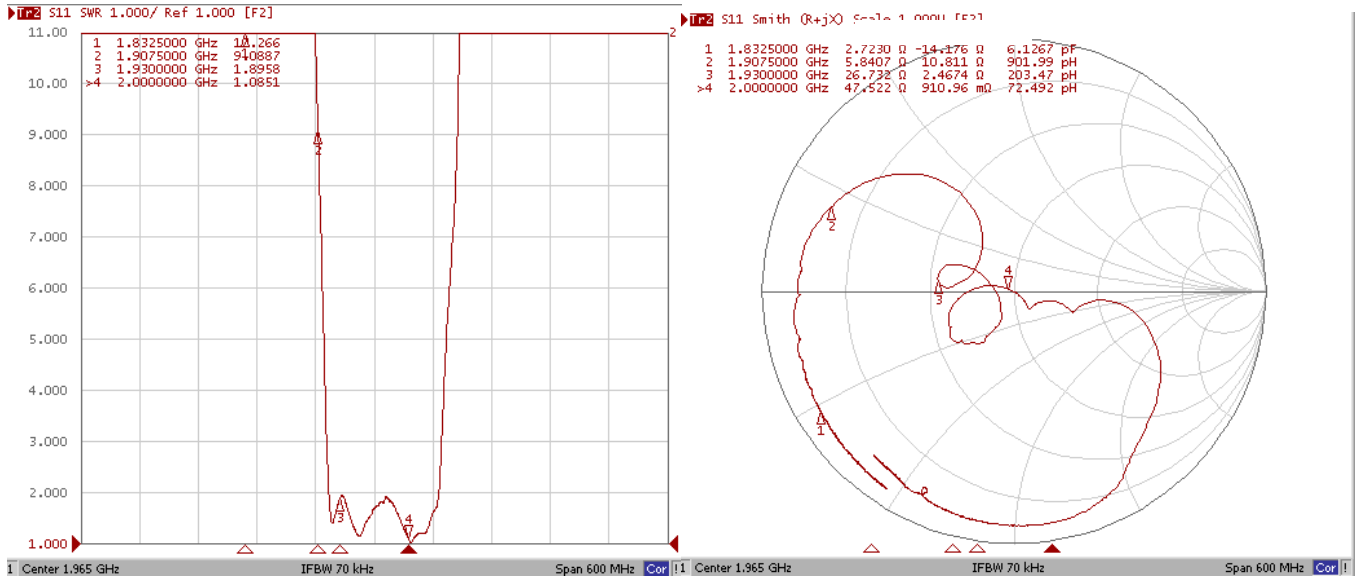


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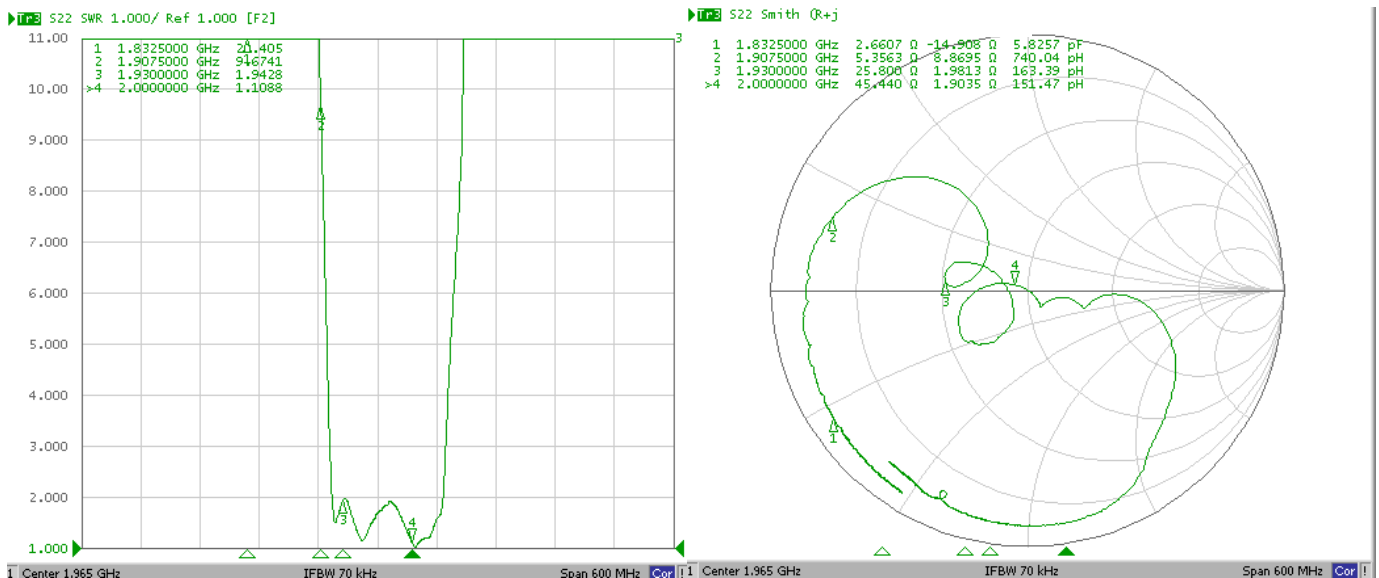
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2. Reflections Functions

S11 VSWR



S22 VSWR

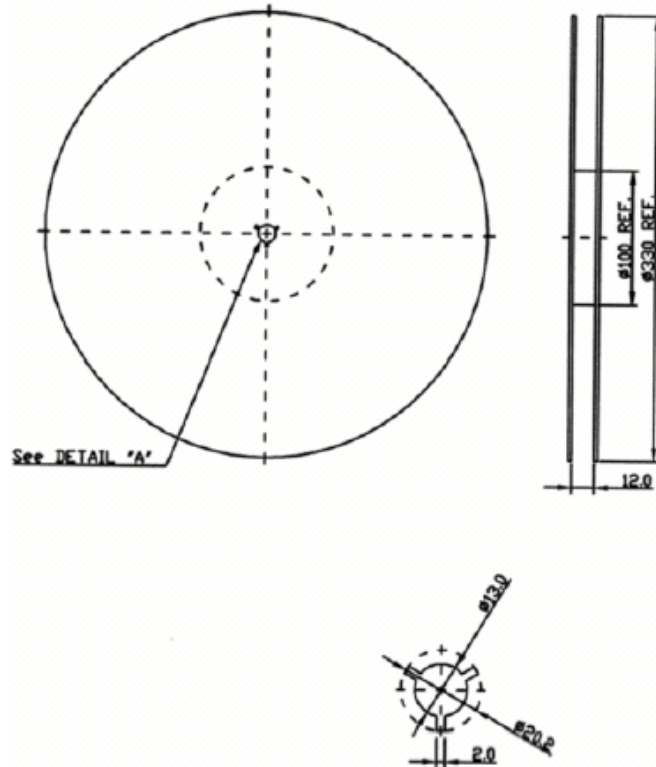


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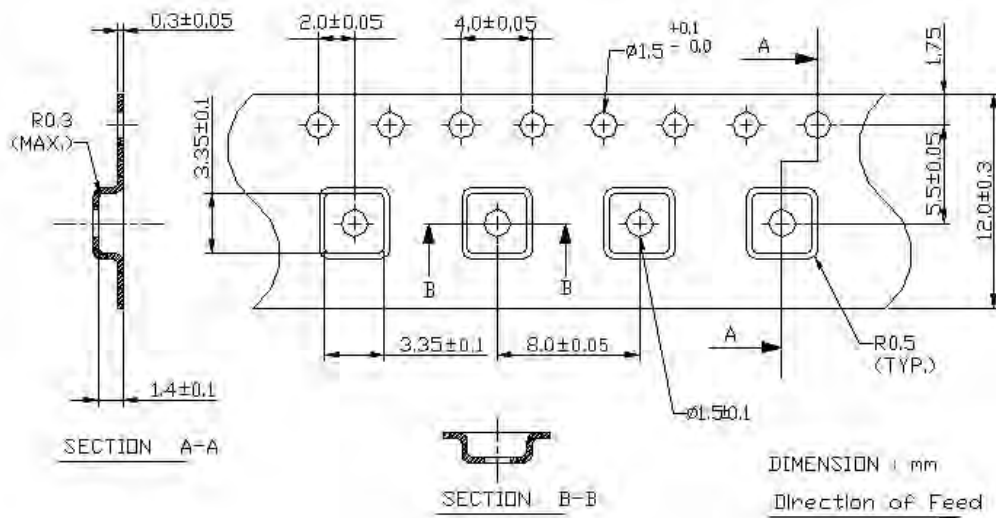
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G. PACKING:

1. Reel Dimension



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

